

**Claims: What is claimed is:**

1. An election system comprises the tally system, graphic identification system, data center server, database, digital security identification system, digitalized ballot and vote stamp.
2. The tally system of the claim1 comprises multiple tally units which can be linked together by LAN or internet.
3. The tally unit of the claim2 comprises barcode reader, computer system, distributing mechanism unit and after-count ballots processing units.
4. The barcode reader of the claim3 can scan the ballots and read the barcode message on the ballot.
5. The distributing mechanism unit of the claim3 can sort the ballots into different types of ballot collectors automatically according the checking output result from the computer system of the claim3.
6. The after-count ballots processing units of the claim 3 may comprises illegal vote processing unit, damage vote processing unit, re-count ballot processing unit, no-vote processing unit, multiple-vote processing unit and valid vote processing unit.
7. The graphic identification system of the claim1 comprises multi graphic identification units which can be linked together by LAN or internet.
8. The graphic identification unit of the claim7 comprises graphic input system and graphic identifying computer.
9. The graphic input system of the claim8 can scan the non-regular ballots into the graphic identifying computer which further analyzes and processes these ballots.
10. The data center server and database of the claim1 store the counting result achieved by the tally system and graphic identification system.

11. The digital security identification system of the claim1 can be linked to the data center server and database to provide local vote station and/or online and/or telephone pre-vote identification for the validity of the voter and the ballot.
12. The ballot of the claim1 which has digital encrypted security barcode messages can be counted efficiently, precisely by the tally unit of claim 3 and used easily, clearly by the voter with the self-adhesive vote stamp of the claim1.
13. A method of ease and security election, comprises  
pre-vote ballot and voter security identification;  
voter voting by placing the vote stamp on to the ballot;  
ballot tallying;  
graphic identifying un-regular ballot if necessary.
14. A method of ballot graphic identification of claim 13, comprises  
transferring un-regular ballots to the graphic identification system;  
graphic identification system scanning every un-regular ballot completely;  
identifying the scanned information by software means;  
reporting the result of identification.